

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-37. (Canceled).

38. (Currently Amended) A fast packet transmission system comprising a communication terminal and a plurality of base stations, wherein:

the communication terminal comprises:

an error detector that detects an error in a received packet;

a determiner that determines a packet number of the received packet;

a selector that selects a base station to communicate a packet in a next transmission unit according to channel states between the communication terminal apparatus and base stations; and

a terminal transmitter that communicates acknowledgment or negative acknowledgment information indicating whether an error is detected in the received packet, packet number information indicating the packet number of the received packet, and base station selection information indicating the selected base station, to the base stations; and

a terminal transmitter that communicates base station selection information indicating the selected base station and transmit order information specifying a packet transmit order to the selected base station, and

each base station comprises:

    a determiner that determines whether to communicate the packet in the next transmission unit based on the base station selection information;

    a controller that determines a transmission target packet based on the acknowledgment or negative acknowledgment information and packet number information transmit order information when the base station communicates the packet in the next transmission unit; and

    a base station transmitter that communicates the transmission target packet determined in the controller to the communication terminal.

39. (Currently Amended) The fast packet transmission system according to claim 38, wherein the terminal transmitter communicates the packet number transmit order information to the base stations station only when the base station that communicates the packet is switched.

40. (Currently Amended) The fast packet transmission system according to claim 38, wherein the terminal transmitter communicates an adaptive modulation pattern together with the packet number transmit order information to the base station.

41. (Currently Amended) The fast packet transmission system according to claim 38, wherein the terminal transmitter communicates an adaptive modulation pattern together with the packet number transmit order information to the base stations only when the base station that

communicates the packet is switched and the communication terminal requests a repeat of a packet that is received before switching and is erroneous to the switched base station.

42. (Currently Amended) The fast packet transmission system according to claim 38, wherein the terminal transmitter communicates the packet number transmit order information with transmit power higher than transmit power of other information.

43. (Currently Amended) A base station apparatus comprising:  
a receiver that receives from a communication terminal, acknowledgment or negative acknowledgment information indicating whether an error is detected in a received packet at the communication terminal, packet number information indicating a packet number of the received packet, and base station selection information indicating a base station selected by the communication terminal according to a channel state base station selection information indicating a base station selected by a communication terminal according to a channel state and transmit order information indicating a packet transmit order specified by the communication terminal;

a determiner that determines whether or not to communicate a packet in a next transmission unit based on the base station selection information;

a controller that determines a transmission target packet based on the acknowledgement or negative acknowledgment information and the packet number information transmit order information when the base station communicates the packet in the next transmission unit; and

a transmitter that communicates the transmission target packet determined in the controller to the communication terminal.

44. (Currently Amended) A communication terminal apparatus comprising:  
an error detector that detects an error in a received packet;  
a determiner that determines a packet number of the received packet;  
a selector that selects a base station to communicate a packet in a next transmission unit according to channel states between the communication terminal apparatus and base stations; and  
a terminal transmitter that communicates acknowledgment or negative acknowledgment information indicating whether an error is detected in the received packet, packet number information indicating the packet number of the received packet, and base station selection information indicating the selected base station, to the base stations  
a terminal transmitter that communicates base station selection information indicating the selected base station and transmit order information specifying a packet transmit order to the base station.

45. (Currently Amended) The communication terminal apparatus according to claim 44, wherein the transmitter communicates the packet number transmit order information to the base station only when the base station that communicates the packet is switched.

46. (Currently Amended) A fast packet transmission method of transmitting a packet from a base station to a communication terminal, the fast packet transmission method comprising the steps of:

detecting at the communication terminal an error in a received packet;

determining at the communication terminal a packet number of the received packet;

selecting at the communication terminal a base station that communicates a packet in a next transmission unit according to channel states between the terminal apparatus and base stations;

communicating at the communication terminal acknowledgment or negative acknowledgment information indicating whether an error is detected in the received packet,  
packet number information indicating the packet number of the received packet, and base station selection information indicating the selected base station, to the base stations;

communicating at the communication terminal base station selection information indicating the selected base station and transmit order information specifying a packet transmit order to the selected base station;

determining at the selected base stations station whether to communicate the packet in the next transmission unit based on the base station selection information;

determining at the base stations station a transmission target packet based on the acknowledgment or negative acknowledgment information and the packet number information  
transmit order information when the base station communicates the packet in the next transmission unit; and

communicating at the base stations the determined transmission target packet to the communication terminal.

47. (Currently Amended) The fast packet transmission method according to claim 46, wherein the packet number transmit order information is communicated to the base stations station only when the base station that communicates the packet is switched.

48. (Currently Amended) The fast packet transmission method according to claim 46, wherein an adaptive modulation pattern is communicated together with the packet number transmit order information to the base stations station.

49. (Currently Amended) The fast packet transmission method according to claim 46, wherein an adaptive modulation pattern is communicated together with the packet number transmit order information to the base stations only when the base station that communicates the packet is switched and the communication terminal requests a repeat of a packet that is received before switching and is erroneous to the switched base station.

50. (Currently Amended) The fast packet transmission method according to claim 46, wherein the packet number transmit order information is communicated with transmit power higher than transmit power of other information.